

# Converting Colors

Decimal(5593488)

Have a look what the booklet for  
Decimal(5593488) contains.

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# Color

**Decimal(5593488)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	555990
RGB	85, 89, 144
RGB Percent	33%, 35%, 56%
CMY	0.6667, 0.6510, 0.4353
CMYK	0.41, 0.38, 0.00, 0.44
HSL	236°, 26%, 45%
HSV	236°, 41%, 56%
XYZ	12.3527, 11.0897, 27.8750
YIQ	94.0740, -20.0390, 16.2570

# Conversions

## Conversions Part 2

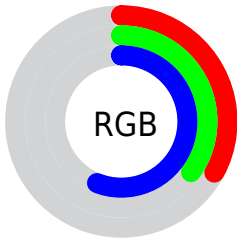
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 89, 144
Decimal	5593488
CIE <sub>Lab</sub>	39.73, 13.05, -30.91
CIE <sub>LCh</sub>	40, 33.546, 292.887
Yxy	11.0897, 0.2407, 0.2161
Android (android.graphics.Color)	4283783568 (0xFF555990)
<b>YUV</b>	94.0740, 24.6135, -7.9579
Hunter-Lab	33.3012, 7.9358, -26.3184

# Details

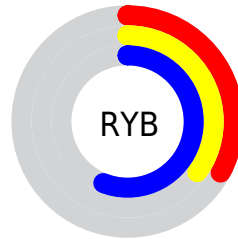
The Decimal color **5593488** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9473109**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **9014214**, and **2239581** is the 20% darker color. If you saturate the color by 10%, you get **4672656**, and if you desaturate by 10%, it is **6514320**.

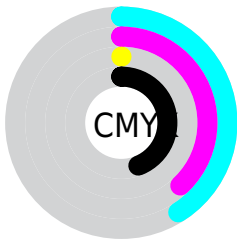
# Distribution



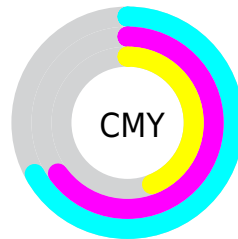
- Red (33%)
- Green (35%)
- Blue (56%)



- Red (33%)
- Yellow (35%)
- Blue (56%)



- Cyan (41%)
- Magenta (38%)
- Yellow (0%)
- Black (44%)



- Cyan (67%)
- Magenta (65%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5593488 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 5593488 by changing the saturation by 10% instead.



■ 5593488

■ 5593488

16777215

■ 3949174

■ 9014214

■ 2239581

■ 10790370

■ 268357

■ 12632319

■ 47

■ 14474495

■ 281

■ 16382463

■ 0

■ 5593488

■ 5593488

■ 4672656

■ 6514320

■ 3686032

■ 7500944

■ 2765200

■ 8421776

■ 1778576

■ 9408400

■ 857744

■ 10329232

■ 2704

■ 11250320

■ 12236688

■ 13157520

■ 14144144

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1270420



5593488



7949951

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5593488



8867891



27478

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5593488



9473109

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3696699



5593488



7559718

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5593488



9521226



5857833



27506

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5593488



8931694



5857833



1469005



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5593488



10790330



5607563



5329502



14606046



6184542



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5593488



6251962



7230864



4211015



2439



264



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9459033



12214117



7835733



4669505



8847369



524289



# Previews

## White Background



This preview shows how the Decimal color 5593488 looks on a white background.

## Color Contrast Check

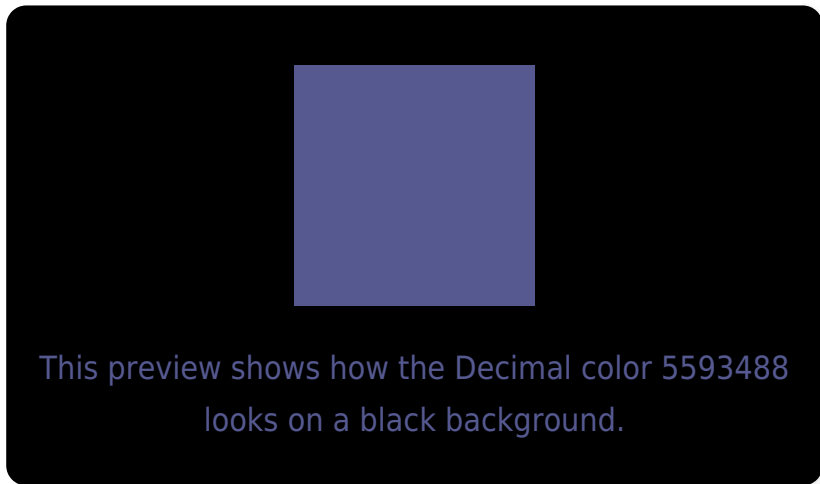
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

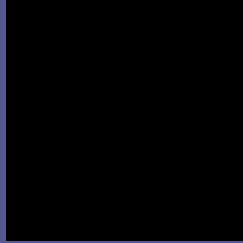
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5593488 Background



This preview shows how black text looks on a background with the Decimal color 5593488.



This preview shows how white text looks on a background with the Decimal color 5593488.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
5593488

**Protanopia**  
4807826

**Deuteranopia**  
4545935



**Tritanopia**  
4940137

# Trichromacy



**Original Color**  
5593488

**Protanomaly**  
5069713

**Deuteranomaly**  
4938895

**Tritanomaly**  
5201527

# Monochromacy



**Original Color**  
5593488

**Achromatopsia**  
6184542

**Achromatomaly**  
5987440

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5593488 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #555990 looks like.

```
.text, #text, p{  
    color:#555990  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #555990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555990
}
```

## Border

The CSS property to change the border of an element to Decimal 5593488 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#555990 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#555990 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #555990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555990; -webkit-box-shadow:4px 4px  
4px 4px #555990; box-shadow:4px 4px 4px  
4px #555990 }
```

# Background

The CSS property to change the background color of an element to Decimal 5593488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555990 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#555990 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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